LOTOS Oil

Engine oil for passenger cars

LOTOS TRAFFIC PRO 505.01 5W40

High quality engine oil formulated on the base of synthetic base oils and a package of multifunctional additives with lowered content of sulphur, phosphorus and “sulphated ashes”.

Designed for passenger cars and delivery vans with petrol and diesel engines fitted with catalytic systems including diesel particulate filters (DPF) where the OEM allows oils of this quality class and the HTHS viscosity above 3.5 mPa*s. It is particularly recommended for VW group cars fitted with injection units requiring oil meeting 505.01 standard.

Characteristics:

- guarantees optimum work of TDI engines fitted with injection units requiring oil meeting VW 505.01 standard,
- guarantees optimum work of Renault engines with the exception of the Renault engines fitted with diesel particulate filters (DPF),
- increased engine protection level according to the requirements of ACEA 2008 specification,
- lowered SAPS level (content of sulphur, phosphorus and “sulphated ashes),
- able to be used in automobiles fitted with diesel particulate filters according to the recommendations in the vehicle service manual
- able to be used for extended oil change intervals according to the recommendations in the vehicle service manual,
- prolongs the lifespan of catalytic systems.

№	Requirements	Research methods by	Unit	Value
1.	Kinematic viscosity at 100^{0}C	ASTM D 445	mm^2/s	14.12
2.	Pour point	ASTM D 97	^{0}C	-39
3.	Flash point	ASTM D 92	^{0}C	242
4.	Total base number (TBN)	ASTM D 2896	mgKOH/g	7
5.	Viscosity index	ASTM D 2270		172
6.	HTHS viscosity at 150 ^{0}C	ASTM D4741	mPa*s	3.66
7.	Structural viscosity at - 30^{0}C	ASTM D 5293	mPa*s	5240
8.	NOACK Test	ASTM D 5800	m/m	7.4

The above given data are the typical values for a production batch, they are not included in technical specification, and they are subject to change due to continual product research and development.

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Specifications, classifications SAE 5W40
API SM/CF
ACEA C3-08

Approved by:
VW 502.00/505.00/505.01
RN 0700, RN 0710

Meet the Requirements of:
Ford WSS-M2C-917A
MB 229.31

Packaging:
1l, 4l, 50kg, 180kg

Storage:

The products should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60^{o}C and in the places where solar radiation is very strong or – temperatures very low, below 0^{o}C. The expiry date is not less than 3 years if the storage conditions are satisfied.

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Health, Industrial Safety and the Environment:

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products.

LOTOS Oil S.A. and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil S.A. office.

The information provided in this data sheet is not intended to constitute an offer within the meaning of the Act of 23rd April 1964 - Civil Code. LOTOS Oil S.A. bears no responsibility for whatever effects of use (particularly in trade and investment decision-making) of information contained herein. Any data contained in the MSDS are typical process tolerance values and they are subject to change due to continual product research and development. Information provided in this document may undergo changes. LOTOS Oil S.A. is not responsible for the product availability.

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